



9/10/04 5/27/04  
PATENT

ATTORNEY DOCKET NO. 049128-5038

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yong Sung HAM

Application No.: 09/991,956

Filed: November 26, 2001

For: METHOD AND APPARATUS FOR  
DRIVING LIQUID CRYSTAL DISPLAY  
DERIVING MODULATED DATA USING  
APPROXIMATION (AS AMENDED)

Confirmation No.: 5243

Group Art Unit: 2675

Examiner: M. Liu

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Sir:

**SUBMISSION OF REPLACEMENT DRAWINGS**

Filed herewith are thirteen (13) replacement sheets of drawings. The replacement sheets of FIG. 9 and FIG. 12 drawings remove "x" and "y" axis legend and "Fn" and "Fn-1" legend to address the drawing objection presented in the Office Action dated March 23, 2004 as discussed with the Examiner on May 6, 2004. See the Interview Summary of May 6, 2004. It is requested that these drawings be approved and made part of the official record in the above-identified patent application. If there are any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted,  
**MORGAN, LEWIS & BOCKIUS LLP**

Dated: May 21, 2004

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REPLACEMENT  
SHEET

FIG.1  
CONVENTIONAL ART

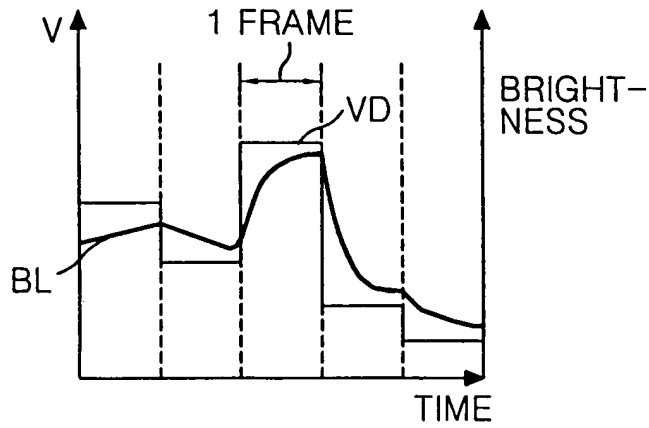
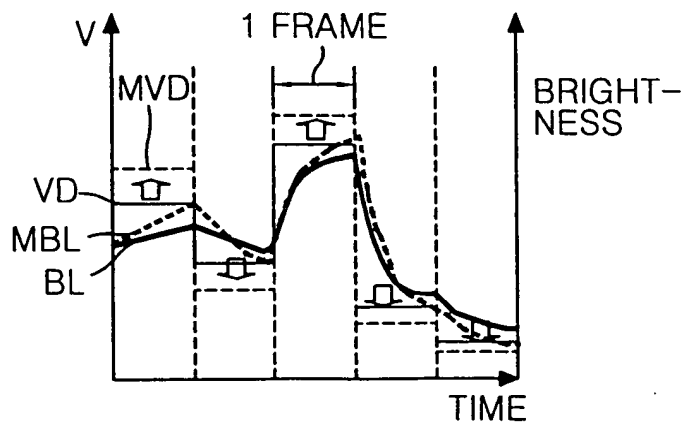
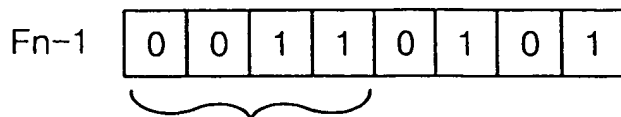


FIG.2  
CONVENTIONAL ART

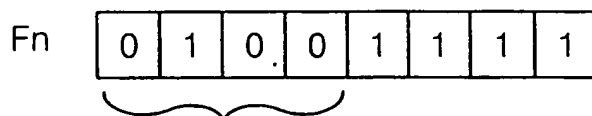


REPLACEMENT  
SHEET

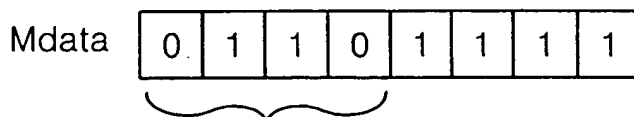
FIG.3  
CONVENTIONAL ART



4 MOST SIGNIFICANT BITS

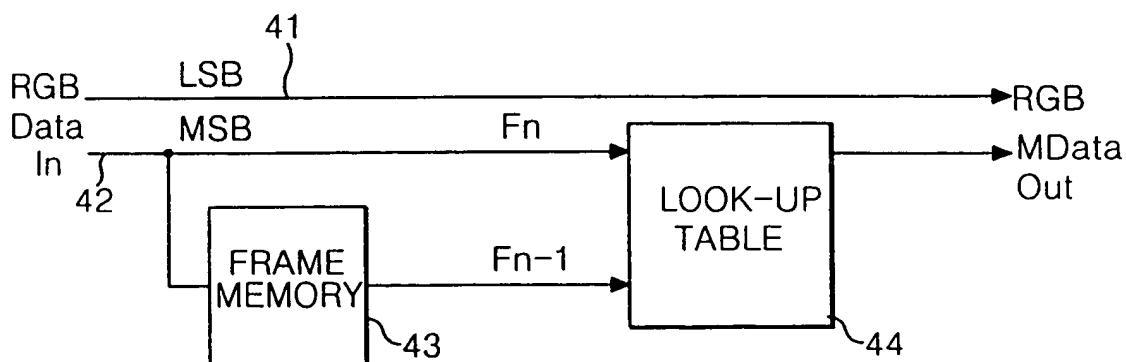


4 MOST SIGNIFICANT BITS



4 MOST SIGNIFICANT BITS

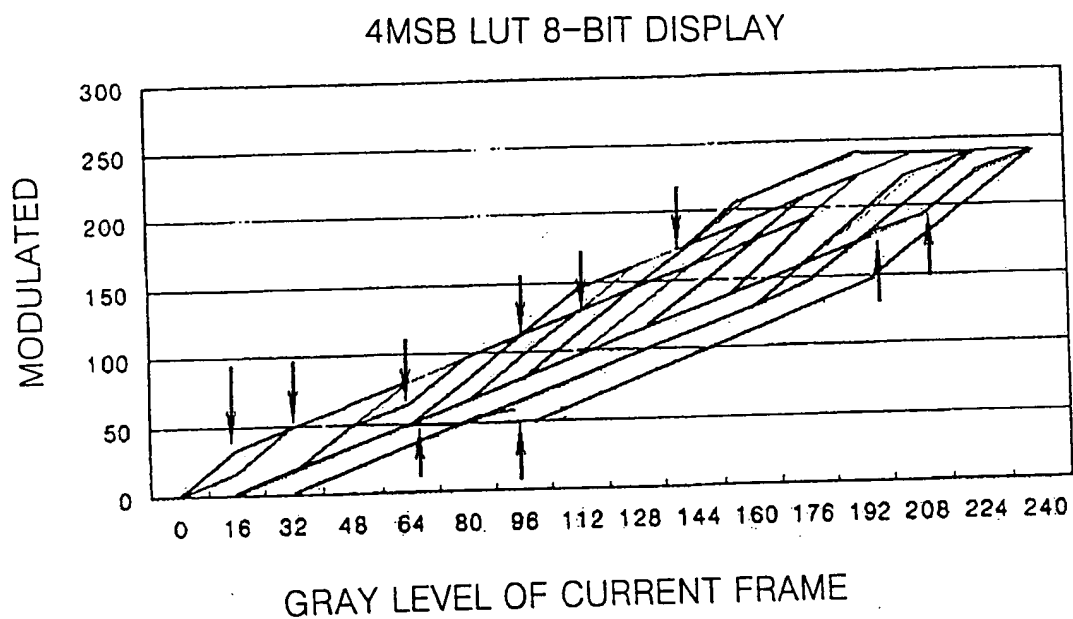
FIG.4  
CONVENTIONAL ART





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FIG. 5  
CONVENTIONAL ART



REPLACEMENT  
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FIG. 6

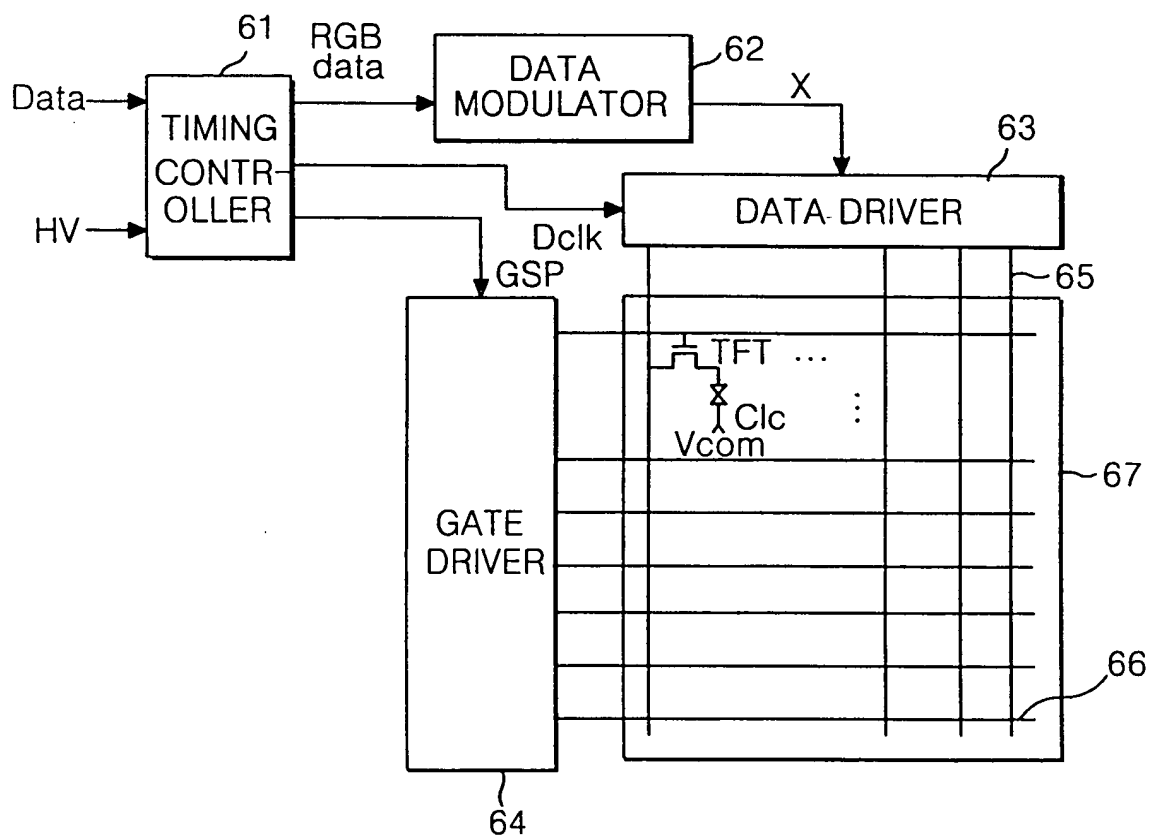
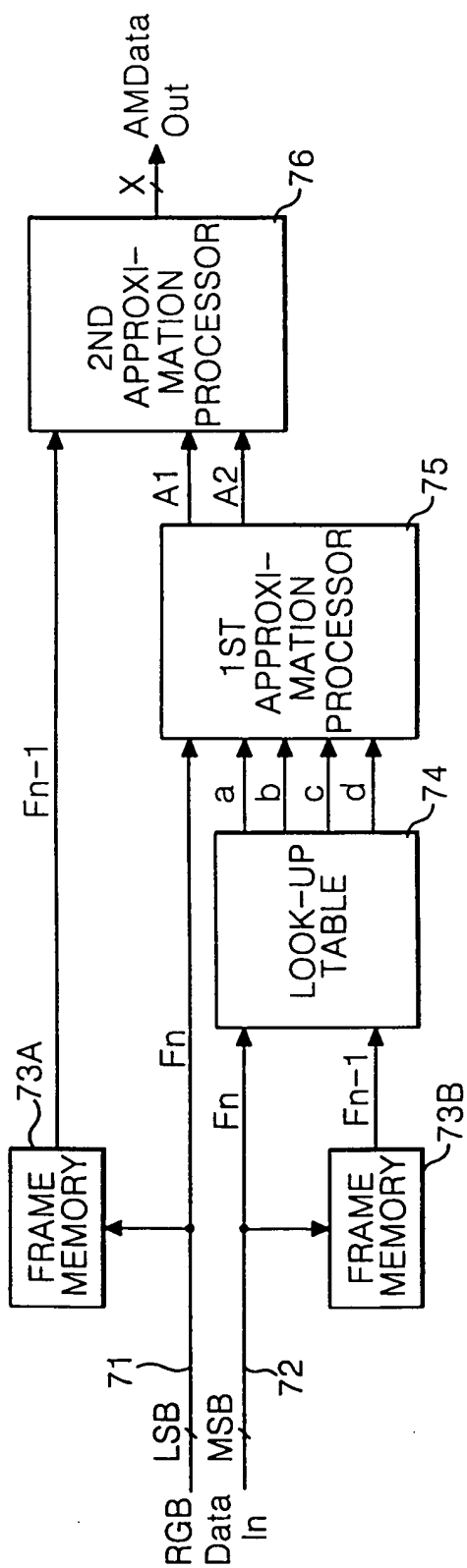


FIG. 7

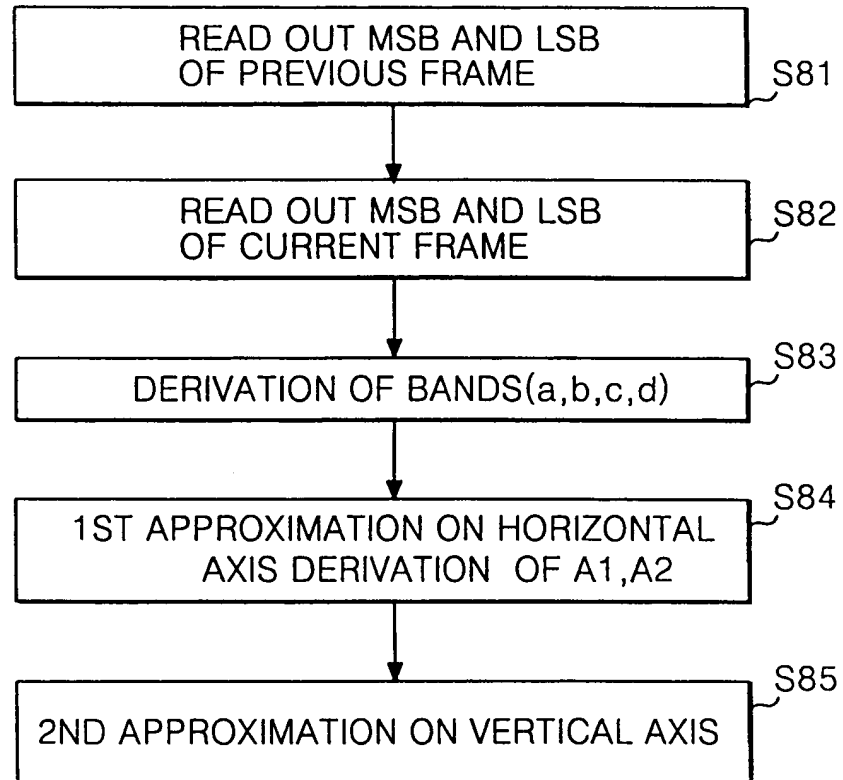
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FIG.8





REPLACEMENT  
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FIG. 9

2ND  
APPROXIMATION

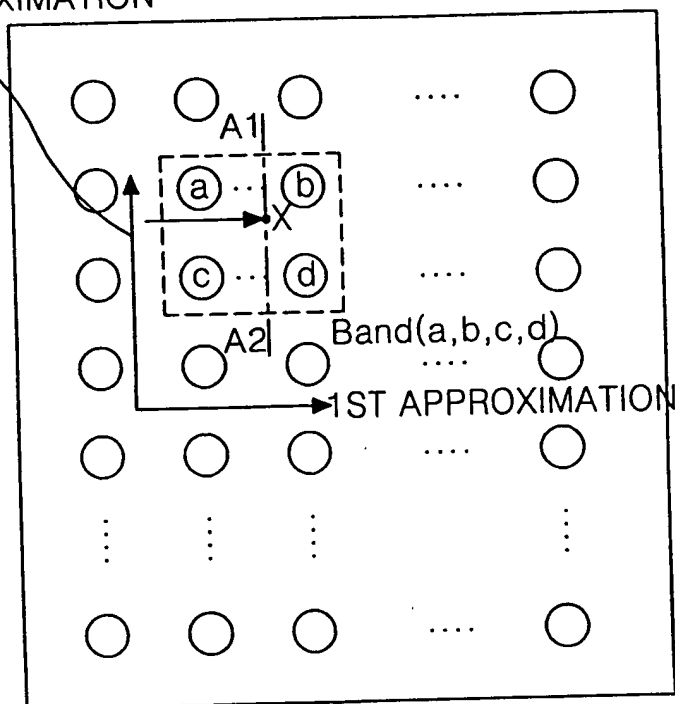
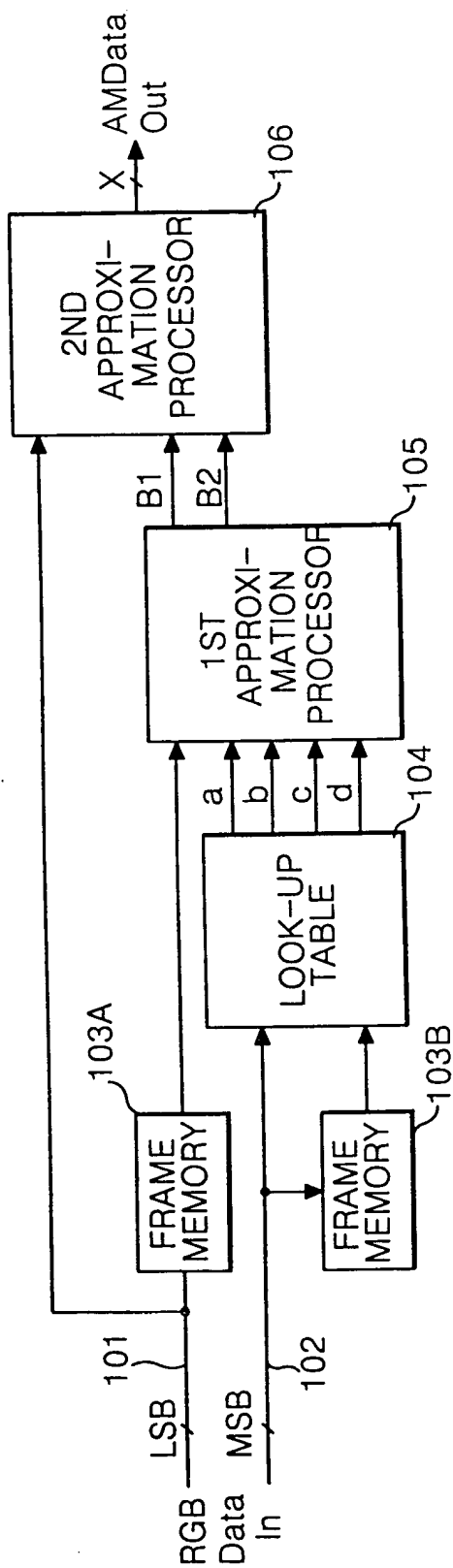




FIG. 10

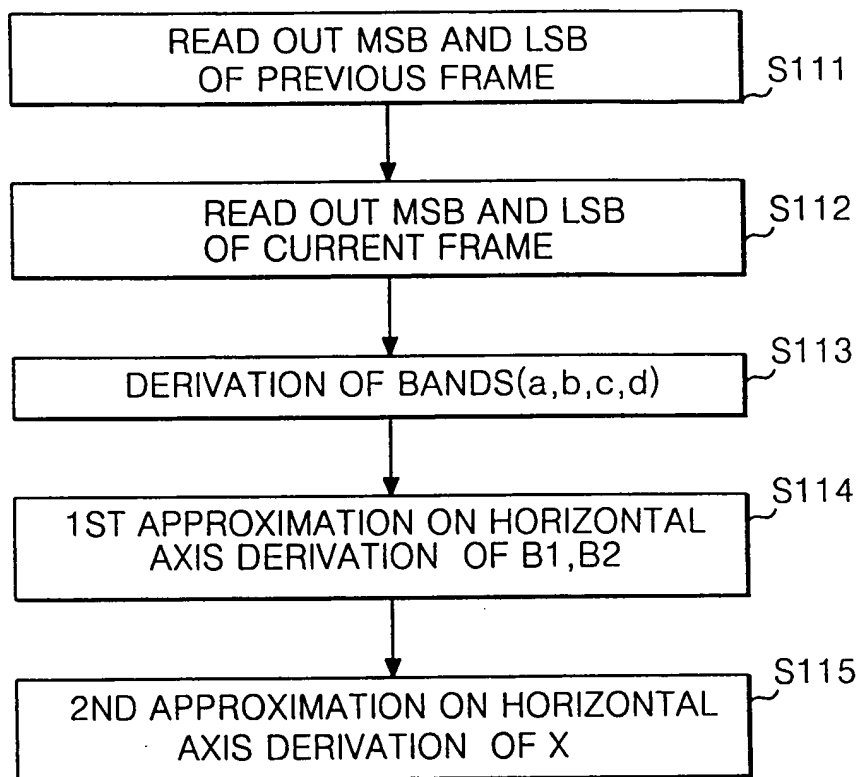
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FIG.11





REPLACEMENT  
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FIG.12

1ST  
APPROXIMATION

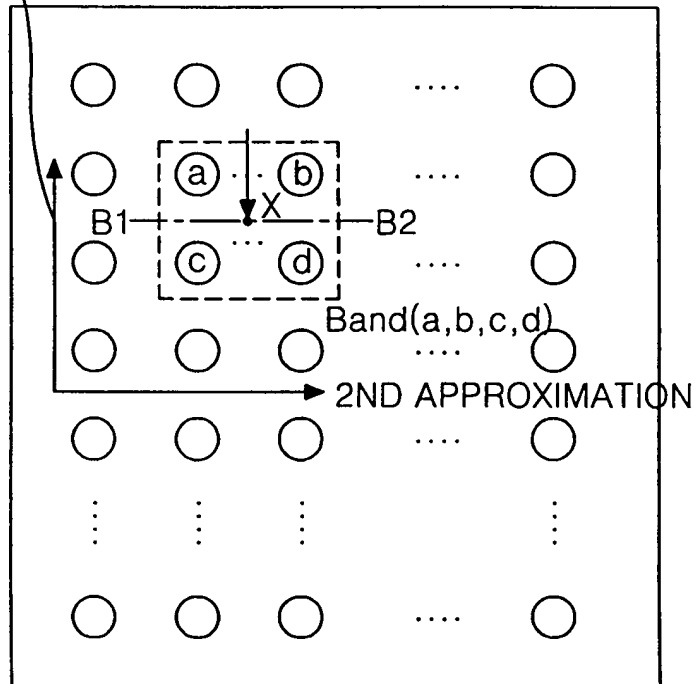


FIG.13

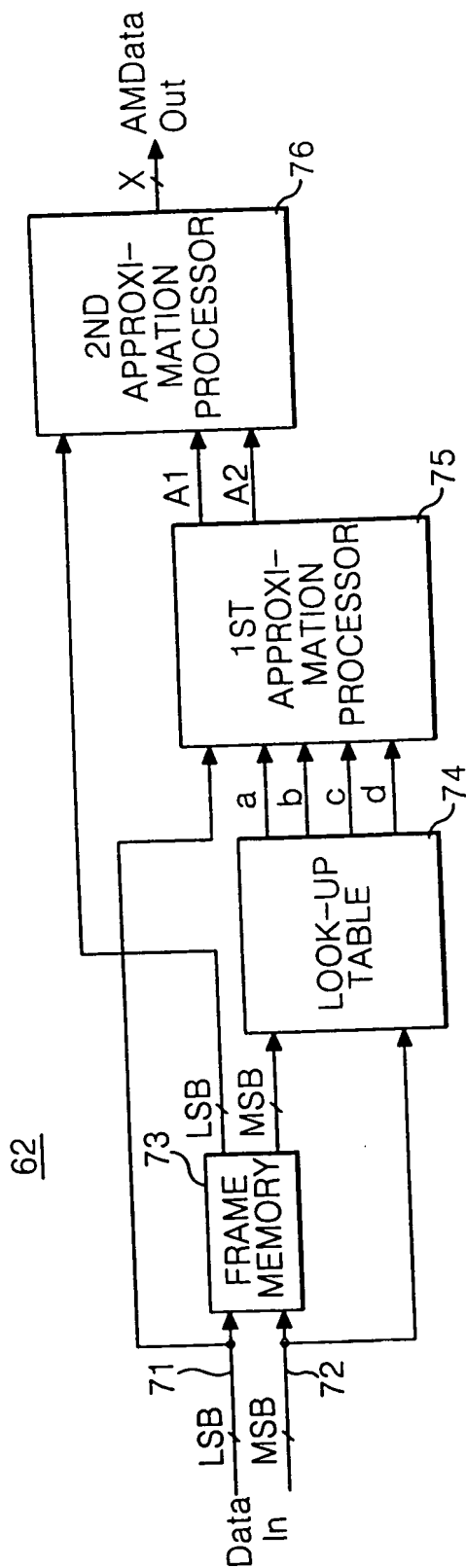
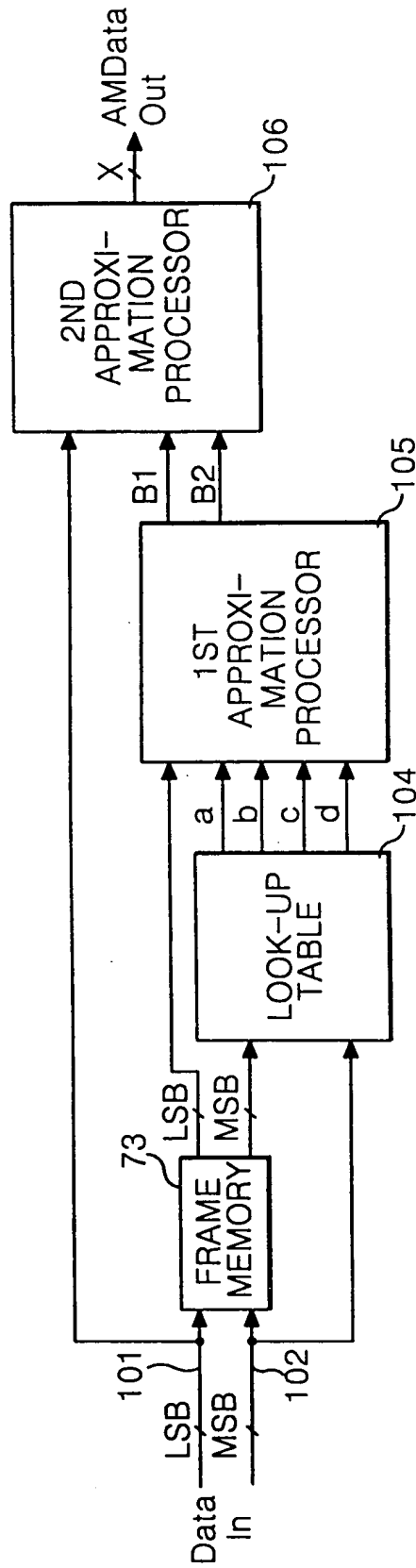


FIG.14

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FIG.15

